first and second alignment members, the alignment members are disposed in spaced relation to the actuation member to guide a medical device to interact with the actuation member to thereby pivot the cover member to uncover the connector prior to the medical device engaging with the connector; and

a first compliant gasket coupled to a backstop member,

wherein the cover member includes a perimeter rib adapted to seal against the first compliant gasket when the actuation member is in a first position and the connector is covered by the cover member.

2. The protective mechanism of claim **1**, wherein the backstop member is disposed on a guide member face of the guide member, the backstop member is approximately perpendicular to the guide member face.

3. The protective mechanism of claim **1**, wherein the connector is disposed on the backstop member.

4. The protective mechanism of claim **3**, wherein the backstop member further comprises a backstop member face, said backstop member face having a recess configured to receive at least a portion of the cover member therein.

5. The protective mechanism of claim **3**, wherein the backstop member further comprises a backstop member face, said backstop member face including an aperture configured to receive at least a portion of the cover member therethrough.

6. The protective mechanism of claim **1**, wherein the cover member uncovers the connector when the actuation member pivots in the first direction to the first position and in the second direction to a second position, said first direction opposite said second direction and when in the second direction the cover member covers the connector.

7. The protective mechanism of claim **1**, further comprising a second compliant gasket coupled to the backstop member.

8. The protective mechanism of claim **1**, wherein an aperture is defined in the guide member, said aperture configured to receive at least a portion of the actuation member.

9. The protective mechanism of claim **1**, wherein the guide member defines a recess disposed on a guide member face of the guide member, the recess of the guide member configured to receive a portion of the actuation member.

10. The protective mechanism of claim **1**, further comprising a latch member configured to have a first end portion and a second end portion, the latch member pivotally coupled to the guide member at a pivot point between the first and the second end portions of the latch member.

11. The protective mechanism of claim **10**, wherein an aperture is defined in the latch member between the first end portion of the latch member and the pivot point, the aperture of the latch member configured to receive a portion of the actuation member.

12. The protective mechanism of claim **10**, wherein the latch member includes a latch projection disposed on the first end portion of the latch member, the latch projection configured to protrude from a guide member face of the guide member when the latch member is in a latched position.

13. The protective mechanism of claim **10**, further comprising at least one arrester projection coupled to the guide member and disposed in spaced relation to the pivot point of the latch member such that the at least one arrester projection arrests movement of the latch member when the latch member pivots to a latched position.

14. The protective mechanism of claim **1**, wherein the protective mechanism is configured to protect the connector when operatively gripping the medical device to engage the connector.

15. The protective mechanism of claim **1**, wherein the connector is configured to interface with a monitoring client.

16. A protective mechanism comprising:

a guide member;

a connector;

an actuation member configured to have a first end portion and a second end portion, the first end portion of the actuation member pivotally coupled to the guide member;

a cover member pivotally coupled to the guide member and configured to interact with the actuation member so as to pivot to uncover the connector when the actuation member pivots in a first direction and to pivot to cover the connector when the actuation member pivots in a second direction;

a first compliant gasket coupled to a backstop member;

a second compliant gasket coupled to the backstop member; and

first and second alignment members, the alignment members are configured to guide a medical device to interact with the actuation member to thereby pivot the cover member to uncover the connector prior to the medical device engaging with the connector; and

wherein the cover member includes a perimeter rib adapted to seal against the second compliant gasket when the actuation member is in a second position and the connector is uncovered.

17. A protective mechanism comprising:

a guide member having a guide member face;

a connector;

an actuation member configured to have a first end portion and a second end portion, the first end portion of the actuation member pivotally coupled to the guide member;

a cover member pivotally coupled to the guide member and configured to interact with the actuation member so as to pivot to uncover the connector when the actuation member pivots in a first direction and to pivot to cover the connector when the actuation member pivots in a second direction;

first and second alignment members, each including a respective web portion and a respective head portion, the respective web portion configured to couple the respective head portion to the guide member face, wherein the alignment members are disposed in spaced relation to the actuation member to guide a medical device to interact with the actuation member to thereby pivot the cover member to uncover the connector prior to the medical device engaging with the connector.

18. The protective mechanism of claim **19**, further comprising a first compliant gasket coupled to a backstop member, said first compliant gasket configured to encompass the connector.

19. The protective mechanism of claim **18**, wherein the cover member includes a perimeter rib adapted to seal against the first compliant gasket when the actuation member is in a first position and the connector is covered by the cover member.